

Fig. 1

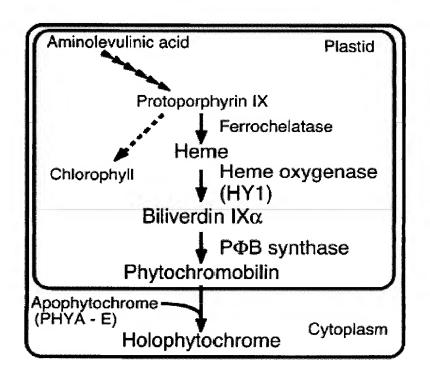


Fig. 2

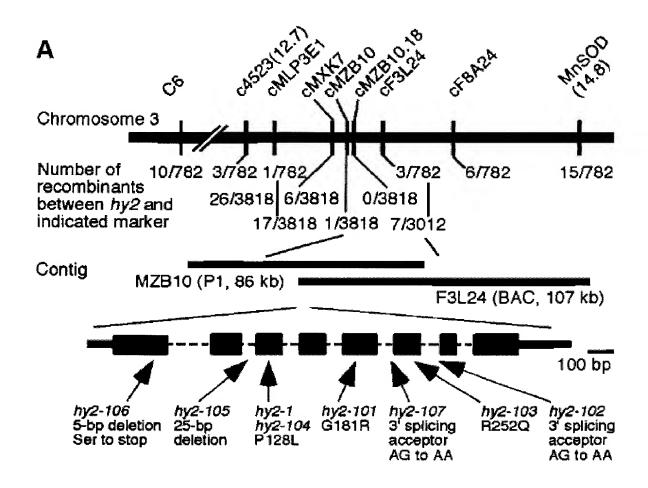


Fig. 3A

qaattooccacgtcaacgtgactgtgcattocacgtggcggatgtgggccctatagttgg	
accatgactoggacggatgttgaaattcattgtcgttgccaattgcgtttgtctcactga	
aactgtgaaaattttatctcttttatagataaAGAATCTTGCTTTTTTCAGTTTTCAGTA	180
TGAAGAAGAATTGAAGAGAGTGTCCGAGGAAGGAGACCTTTGGTTTCAGTTTGTGAGTCT	240
TGTTGTAATGGCTTTATCAATGGGGTTTGGGTTCAATGGTTCAAGGCACC M A L S M E F G F S I G S C F K A P	300
AAACCCACCTGTTCTAATCTCTGCAAGCCCTAATAAGATCAATTTCACGTTGAGAAGGAG N P P V L I S A S P N K I N P T L R R R	360
AAAGAAAAGATTCTTACTTAGAGTCTCTGCTGTGTGTATAAGGAATTCGCAGAGTCTGC by2-106 *****	420
KKRFLLRVSAVSYKEFAESA	
TTTAGAAGAAACCAGGAAAAGGATCGTTCTTGAACCTTCACATCTCCAGgtatatgcaat L E E T R K R I V L E P S H L Q	480
tacatttogttagtgtagtgggaggattatatttotoattgtttcttgctgtgaattttg	540
ggtaaattgatttgagttgtcattaggaaccaaacaaataactttactgttatagactgc	600
ttatataagtaaaagttoagattttgttttttttaatoacgaaactgtttcagGAAAAGTA E K Y	650
TAGTAGCATGACAGGACTAGATGGTAAGACCGAACTTCAAATGCTTGCT	720
AAAGATTAGACTCTTGAGGAGTATGGCAATAGAGAATGAGACAATGCAGGtttaacttca K I R L L R S M A I E N E T M Q	780
<pre>gcagtacaaactgattgctttagtcccatttccttactttcaattgattg</pre>	840
tottogottagGTCTTTGACTTTGCGGGTTTCATGGAGCCTGAGTATGATACTCCCATAT by2-1,by2-104 T V F D F A G F M E P E Y D T P I F	900
V F D F A G F M E P E Y D T P I F TCTGTGCTAACTTTTCACATCTACCAACGTTAACATAGTTGTATTGtaagttatgttgt C A N F F T S T N V N I V V L	960
agttatgctggagttatcaggtctgtattgtccaaactgatgttcaatattttactgtat	1000
gttcttctttagggACCTTAATCCTTTGCATCAGTTGACTGACCAGACGGATTACCAAGA	
D L N P L H Q L T D Q T D Y Q D CAAGTATTATAACAAGATAATGTCCATATATCACAAATATGCTGAGGtgaccacaagaat	
KAANKIWSIAHKAYE	
acaccaaattactcaattgcaagtaaacctaatgctgaggtgtaaatgactgatcttgag	
atttatttgcagACTTTCCCATGGGGAGGGAAATTGACTGGTGAATCCATAAAGTTTTTC by2-101 A	1250
T F P W G G K L T G E S I K F P	
TCGCCTTTGGTGAIGTGACTAGGTTTTCGTCTAGCAAAGAAAACATAAGGCTTTGTTC S P L V M W T R F S S S K E K H K A L F	
TCTGCGTTTCTAGAGTACTATCAGgtatatactcagcggccaaaagctaaggttttattg S A F L B Y Y Q	
gaaactttgactgagaatctatcatcttcttcctacagGCATGGCTTGAGATGACAATCC by2-107 a	1440
A W L E M T I Q AAGTGAGGAGGAGATGGAACCATCTCATGTGAGAGCCAATTGTGAAGCACAACACAGT	1550
A K E E W E B E B A A B C E V O E K A	
ACCTGACATGGCGAGCACAAAAGgtgatttcatttccttttgtgtaatttgcatgtttga $\begin{array}{cccccccccccccccccccccccccccccccccccc$	1560
acagacactgtatctgtattgttacaatggatattgatttggtgtttgcagGATCCTGGA	1620
<i>by2-102</i> a D P G	1010
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1680
${\tt cattagtgtccccattattaattagcttgtgaagatgttgaaaatgatttgaacaaxatc}$	1740
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1860
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1920
GATATATGTGAACAAGTCAGATTTCAGAGTCATCAACACAAGAGGACGTGAACTTAGGGA	1980
${\tt AGTAGGAATAAGAAGAGCAGCATGAGGAGTCTCTCAGGTCTATCTGCATTTCAAGATGA}$	2040
${\tt TTGTTTGAGTTACCATGCATTGTAGTTTTACAAGTGTAGCTCTCAGCCCTTCATCAAAAT}$	2100
GAGARTCCTCGAGTATGATATGATTTTAATGAAAATGTATTCGTCTCTacotaatcaaca	2160

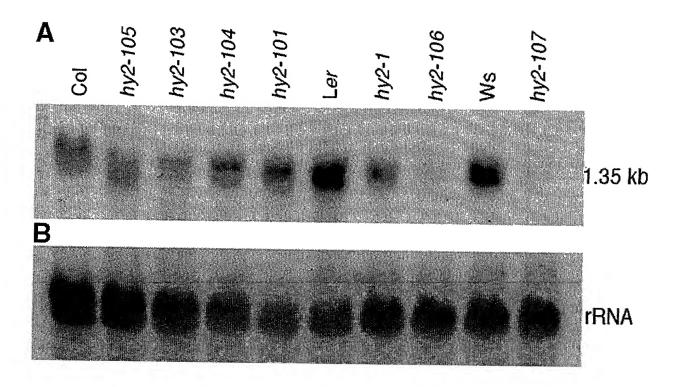


Fig. 4A and Fig. 4B

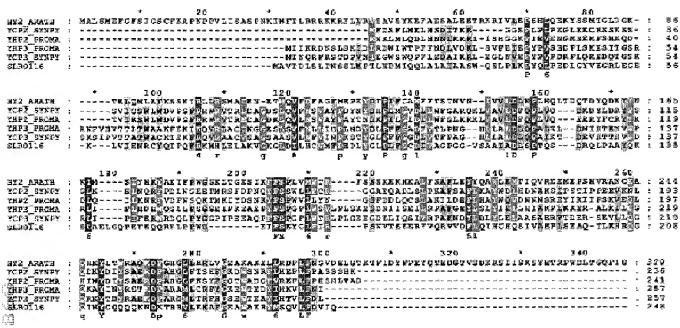


Fig. 5

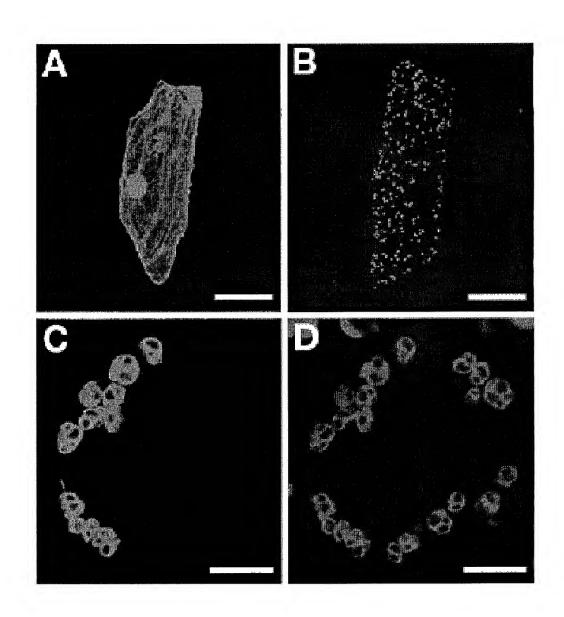


Fig. 6A - 6D

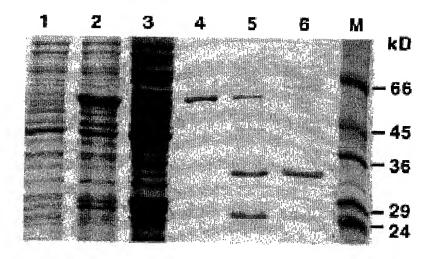


Fig. 7

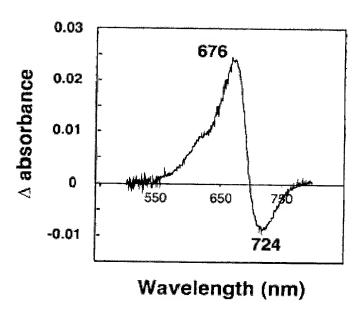


Fig. 8

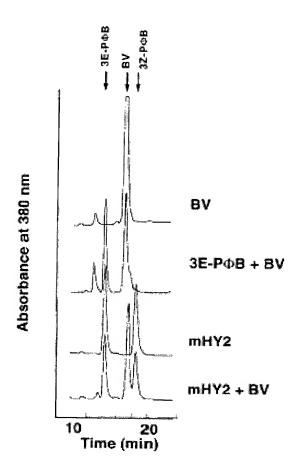


Fig. 9

Fig. 10

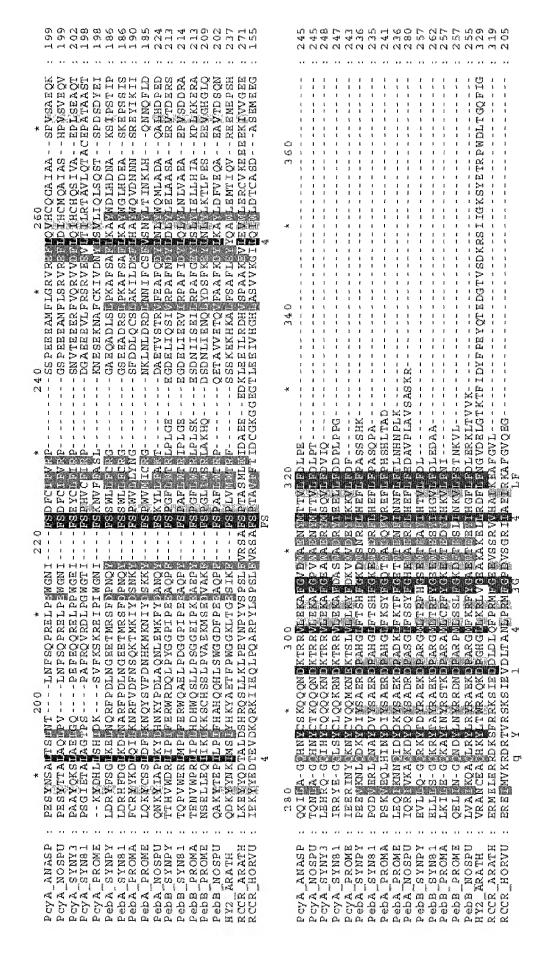


Fig. 10 cont'd

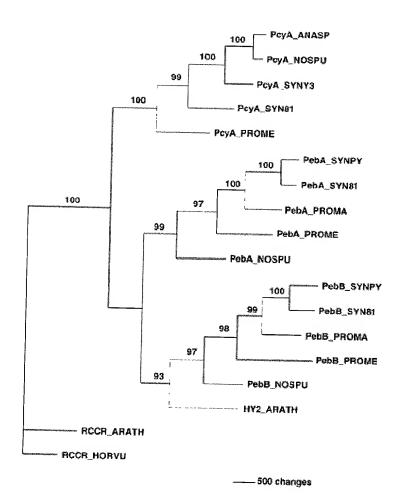


Fig. 11

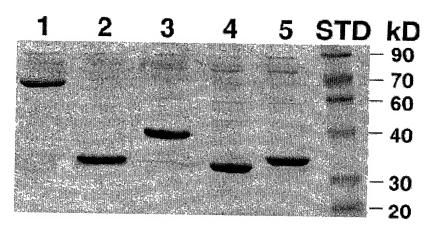


Fig. 12

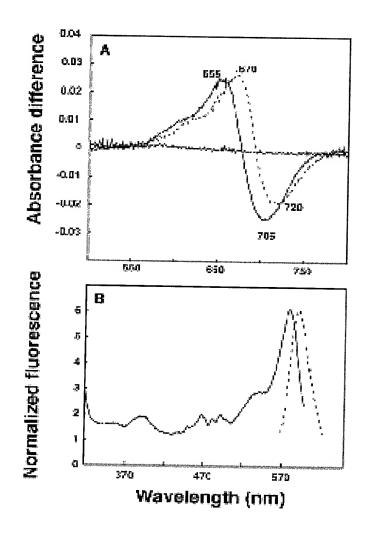


Fig. 13A and 13B

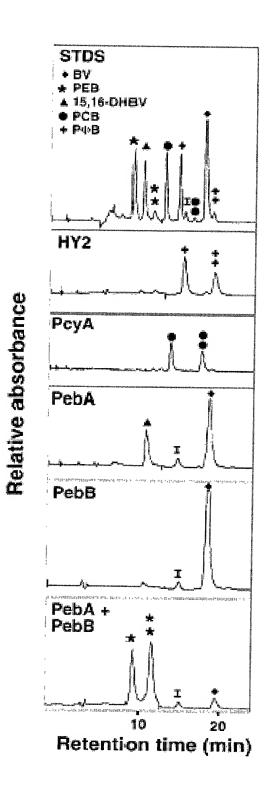


Fig. 14

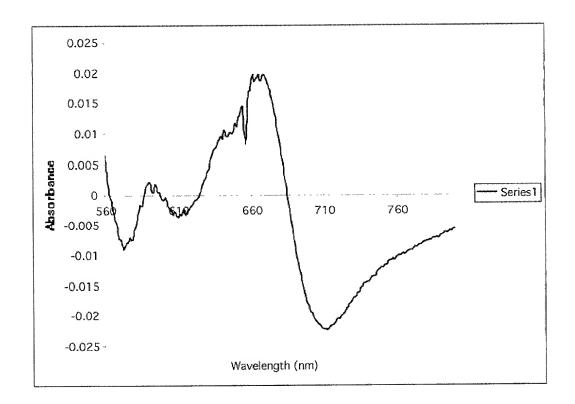


Fig. 15

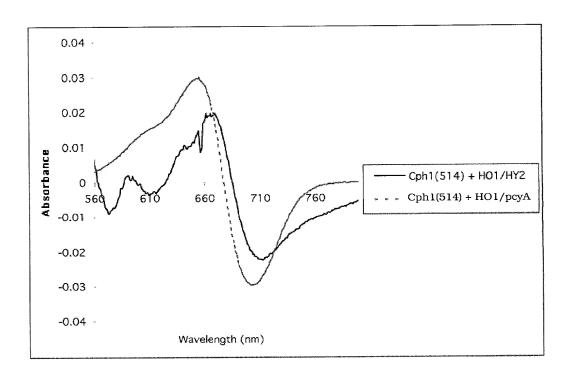


Fig. 16